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Therefore, in view of the foregoing, we claim:

1. An endodontic dental reinforcement post for endodontic and reconstructive pin therapy comprising a prefabricated bundle of loosely compacted fibers in a cured resin, said post extending from an apical end to a coronal end of a tooth canal.

2. The dental reinforcement member as in Claim 1 wherein said fibers include a bundle of medical grade optical fibers in a bundle of linearly extending fibers.

3. The dental reinforcement member as in Claim 2 wherein said fibers are of high optical clarity with high pixel counts of between 50 and 100 thousandth.

4. The dental reinforcement member as in Claim 2 wherein the fibers are silica base fibers having a pure silica core of SiO_2 .

5. The dental reinforcement member as in Claim 4 further comprising said fibers individually having a coating of a polymer plastic.

6. The dental reinforcement member as in Claim 5 wherein said coating is stripped to pull light out transversally through the edge of the post.

7. The dental reinforcement member as in Claim 5 wherein said coating is coated with PVDF resin.

8. The dental reinforcement member as in Claim 1 wherein said fibers are fiberglass fibers.

9. The dental reinforcement member as in Claim 8 wherein said fiberglass fibers are E-glass fibers.

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10. The dental reinforcement member as in Claim 1 wherein each fiber comprises a plurality of fiber optic filaments.

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11. The dental reinforcement member as in Claim 1 wherein said bundle of fibers is about 0.05 inch in diameter.

12. The dental reinforcement member as in Claim 1 further comprising an epoxy binder.

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13. The dental reinforcement member as in Claim 12 wherein said epoxy resin further comprises an opaquer composition therein.

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14. The dental reinforce member as in Claim 2 wherein said bundle of flexible fibers includes at least one radiopaque member therein.

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15. The dental reinforcement member as in Claim 14 wherein said radiopaque member is a wire selected from the group consisting of alloyed titanium steel, platinum and palladium.

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16. The dental reinforcement member as in Claim 14 wherein said radiopaque member is alternately insertable in and removable from a pilot hole within said dental reinforcement member for insertion of a reamer therein.

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17. The dental reinforcement member as in Claim 1 wherein said bundle of fibers have a rounded end.

18. The dental reinforcement member as in Claim 1 wherein said bundle of fibers have a tapered end.

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19. The dental reinforcement member as in Claim 1 further comprising at least one surface cut of about 50 to 100 micron depth to increase texturing.

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20. The dental reinforcement member as in Claim 1 further comprising at least one facet of about 50 to 100 micron depth to increase texturing.

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21. The dental reinforcement member as in Claim 1 further comprising at least one groove of about 50 to 100 micron depth to increase texturing.

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22. The dental reinforcement member as in Claim 1 further comprising at least indentation of about 50 to 100 micron depth to increase texturing.

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23. The dental reinforcement member as in Claim 19 further comprises at least one axially extending die drawn indentation of 50 to 100 micron depth to increase texturing.

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24. The dental reinforcement member as in Claim 19 wherein said texturing is etched with acid.

25. The dental reinforcement member as in Claim 19 wherein said texturing is by sandblasting of said reinforcement member.

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26. The dental reinforcement member as in Claim 19 wherein said texturing is by laser light.

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27. The dental reinforcement member as in Claim 1 wherein said post is a dental reconstructive pin.

28. The dental reinforcement member as in Claim 27 wherein said dental reconstructive pin is looped.

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29. The dental reinforcement member as in Claim 1 wherein said post is polished at one end to direct light axially therethrough.

30. The dental reinforcement member as in Claim 1

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wherein said dental reinforcement member comprises a plurality of adjacent coaxially extending dental reinforcement members.

5 31. The dental reinforcement member as in Claim 30
wherein each adjacent co-axially extending dental
reinforcement member includes at least one axially extending
facet abutting a further axially extending facet of a further
adjacent coaxially extending dental reinforcement member for
10 locking said plurality of adjacent coaxially extending dental
reinforcement members in position within an interior canal of
a tooth.

15 32. A dental post and core device comprising an
inelastic post, said post having a coronal end and an apical
end, said post including a plurality of unstretched and non-
pretensioned loosely compacted fibers in a cured resin, said
fibers extending between the coronal and the apical end of
said post.

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